



STIC Search Report

EIC 2800

STIC Database Tracking Number: 127704

27

**TO: Nicholas Ponomarenko
Location: JEF- 9A65
Art Unit : 2834
Wednesday, July 21, 2004**

Case Serial Number: 10/039819

**From: Darcy Bates
Location: EIC 2800
JEF- 4B68
Phone: 571-272-2540**

darcy.bates@uspto.gov

Search Notes

Re: 10/039,819 US 6,031,294

Attached are search results.

**No U. S. litigation was found in searches of
Lexis-Nexis and Questel-Orbit databases.**

**If more searching or explanation is needed, please let
me know.**

**Thanks,
Darcy Bates**

Litigation involving patent 6,031,294

Click on the docket number to view the docket.
Click on the above patent number to view the patent.

 Docket 	 Case Heading 	 Date Filed 	 Date Retrvd 
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There are no cases involving this patent number.

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility Patents](#)



Terms: **patno=6031294** ([Edit Search](#))

003078 (00) 6031294 February 29, 2000

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6031294

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[Link to Claims Section](#)

February 29, 2000

Turbogenerator/motor controller with ancillary energy storage/discharge

REISSUE: December 31, 2001 - Reissue Application filed Ex. Gp.: 2834; Re. S.N. 10/039,819 (O.G. December 17, 2002)

INVENTOR: Geis, Everett R., Trabuco Canyon, CA; Peticolas, Brian W., Redondo Beach, CA; Wacknov, Joel B., Monrovia, CA

CERT-CORRECTION: January 16, 2001 - a Certificate of Correction was issued for this patent (O.G. January 16, 2001)

APPL-NO: 003078 (00)

FILED-DATE: January 5, 1998

GRANTED-DATE: February 29, 2000

ASSIGNEE-AT-ISSUE: Capstone Turbine Corporation, Woodland Hills, CA

ASSIGNEE-AFTER-ISSUE: January 5, 1998 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., CAPSTONE TURBINE CORPORATION 18700 OXNARD STREET TARZANA CALIFORNIA 91356, Reel and Frame Number: 008926/0766

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[Sources](#) | [Guided Search Forms](#) | [Command Searching](#)[Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility Patents](#)**Enter Search Terms**☒ **Terms and Connectors** ☐ Natural Language

patno=6031294

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☒ No Date Restrictions ☐ From To

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Query/Command : us6031294/pn

** SS 3: Results 1

Search statement 4

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image
PN - US6031294 A 20000229 [US6031294]
TI - (A) Turbogenerator/motor controller with ancillary energy storage/discharge
PA - (A) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, Woodland Hills CA [US]
IN - (A) GEIS EVERETT R (US); PETICOLAS BRIAN W (US); WACKNOV JOEL B (US)
AP - US307898 19980105 [1998US-0003078]
PR - US307898 19980105 [1998US-0003078]
IC - (A) F01D-015/10 F02C-006/00 H02K-007/18 H02P-009/04
EC - H02P-009/04
PCL - ORIGINAL (O) : 290052000; CROSS-REFERENCE (X) : 290040000R
290046000 322010000 322029000
DT - Corresponding document
CT - US4015187; US4565957; US4730397; US4841216; US4862009; US5038566; US5057763; US5214371; US5250890; US5260637; US5309081; US5363032; US5510696; US5546742; US5572108; US5581168; US5594322
STG - (A) United States patent

AB - A turbogenerator/motor controller with a microprocessor based inverter having multiple modes of operation with an energy storage and discharge system including an ancillary electric storage device, such as a battery, connected to the generator controller through control electronics. Electrical energy can flow from the ancillary electric storage device to the turbogenerator controller during start up and increasing load and vice versa during self-sustained operation of the turbogenerator. When utility power is unavailable, the ancillary electric storage device can provide the power required to start the turbogenerator. When a load transient occurs, the gas turbine engine and the ancillary electric storage device provide the power required to successfully meet the transient.
UP - 2000-10

1 / 1 LGST - ©EPO
PN - US6031294 A 20000229 [US6031294]
AP - US307898 19980105 [1998US-0003078]
ACT - 20010116 US/CC-A
CERTIFICATE OF CORRECTION

20021217 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20011231
UP - 2003-22

1 / 1 CRXX - ©CLAIMS/RRX
AN - 3287606
PN - 6,031,294 A 20000229 [US6031294]
PA - Capstone Turbine Corp
PT - E (Electrical)
ACT - 20021231 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20021217
REISSUE REQUEST NUMBER: 10/039819
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2834

Reissue Patent Number:

UP - 2001-03
UACT- 2002-12-17

Search statement 4

Query/Command : fam us6031294/pn

1 Patent Groups
** SS 4: Results 33

Search statement 5

Query/Command : famstate nonstop

1 / 33 PLUSPAT - ©QUESTEL-ORBIT
PN - AU2025302 A 20020603 [AU200220253]
STG - (A) Open to public inspection
TI - (A) Transient turbine exhaust temperature control for a
turbogenerator
PA - (A) CAPSTONE TURBINE CORP
IN - (A) GILBRETH MARK; EDELMAN ED; WACKNOV JOEL; WALL SIMON
IC - (A) F01D-015/10 F02C-007/08 F02C-009/26 F02C-009/32
AP - AU2025302 20011105 [2002AU-0020253]
PR - US24582900P 20001103 [2000US-P245829]
WOUS0147201 20011105 [2001WO-US47201]
UP - 2002-46

2 / 33 PLUSPAT - ©QUESTEL-ORBIT
PN - CA2246769 A1 19990308 [CA2246769]
STG - (A1) Application laid open
TI - (A1) TURBOGENERATOR/MOTOR CONTROLLER
OTI - (A1) CONTROLEUR DE TURBOALTERNATEUR
PA - (A1) CAPSTONE TURBINE CORP (US)
IN - (A1) PETICOLAS BRIAN W (US); GEIS EVERETT R (US); WACKNOV JOEL B
(US)
IC - (A1) F02C-007/00 H02K-007/18 H02P-009/08
LA - ENGLISH (ENG)
AP - CA2246769 19980908 [1998CA-2246769]

PR - US307898 19980105 [1998US-0003078]
US92496697 19970908 [1997US-0924966]

3 / 33 PLUSPAT - @QUESTEL-ORBIT

PN - CA2279320 A1 20000427 [CA2279320]
STG - (A1) Application laid open
TI - (A1) TURBOGENERATOR POWER CONTROL SYSTEM
OTI - (A1) SYSTEME DE COMMANDE DE PUISSANCE DE TURBOALTERNATEUR
PA - (A1) CAPSTONE TURBINE CORP (US)
IN - (A1) PETICOLAS BRIAN W (US); BOSLEY ROBERT W (US); LAMPE STEVEN
W (US); EDELMAN EDWARD C (US)
IC - (A1) H02K-007/18 H02P-009/00
LA - ENGLISH (ENG)
AP - CA2279320 19990729 [1999CA-2279320]
PR - US18121398 19981027 [1998US-0181213]
UP - 2004-08

4 / 33 PLUSPAT - @QUESTEL-ORBIT

PN - CA2326192 A1 19991014 [CA2326192]
STG - (A1) Application laid open
TI - (A1) POWER CONTROLLER
OTI - (A1) ORGANE DE COMMANDE DE PUISSANCE
PA - (A1) CAPSTONE TURBINE CORP (US)
IN - (A1) GILBRETH MARK (US); WACKNOV JOEL (US); WALL SIMON (US)
IC - (A1) H02J-001/10 H02J-001/14
LA - ENGLISH (ENG)
AP - CA2326192 19981208 [1998CA-2326192]
PR - US8045798P 19980402 [1998US-P080457]
WOUS9826139 19981208 [1998WO-US26139]
UP - 2002-11

1 / 1 LEGALI - @EPO

PN - CA2326192 A1 19991014 [CA2326192]
AP - CA2326192 19981208 [1998CA-2326192]
ACTE- 20030403 CA/AFNE-A [+] NATIONAL PHASE ENTRY
EFFECTIVE DATE: 20000927
UP - 2004-09

5 / 33 PLUSPAT - @QUESTEL-ORBIT - image

PN - EP0901218 A2 19990310 [EP-901218]
STG - (A2) Pub. Of applic. Without search report
TI - (A2) Turbogenerator/motor controller
OTI - (A2) Regler für Turbolader/Motor
(A2) Régulateur pour turbogénérateur/moteur
PA - (A2) CAPSTONE TURBINE CORP (US)
IN - (A2) PETICOLAS BRIAN W (US); GEIS EVERETT R (US); WACKNOV JOEL B
(US)
IC - (A2) H02P-009/04
PN2 - EP0901218 A3 20000816 [EP-901218]
STG2- (A3) Publi. Of search report
TI2 - (A3) Turbogenerator/motor controller
OTI2- (A3) Regler für Turbolader/Motor
(A3) Régulateur pour turbogénérateur/moteur
PA2 - (A3) CAPSTONE TURBINE CORP (US)

7/21/04

US 6,031,294

09/003078

IN2 - (A3) PETICOLAS BRIAN W (US); GEIS EVERETT R (US); WACKNOV JOEL B (US)
IC2 - (A3) H02P-009/04 H02P-009/08
LA - ENGLISH (ENG)
AP - EP98307247 19980908 [1998EP-0307247]
PR - US92496697 19970908 [1997US-0924966]
US307898 19980105 [1998US-0003078]
EC - H02P-009/04
DS - AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
DT - Basic

1 / 1 *LEGALI* - @EPO

PN - EP0901218 A2 19990310 [EP-901218]EP0901218 A3 20000816 [EP-901218]

AP - EP98307247 19980908 [1998EP-0307247]

ACTE- 19990310 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
AT BE CH LI

19990310 EP/AX-A [+]
EXTENSION OF THE EUROPEAN PATENT TO
AL;LT;LV;MK;RO;SI

20000816 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

20000816 EP/AX-A [+]
EXTENSION OF THE EUROPEAN PATENT TO
AL;LT;LV;MK;RO;SI

20000816 EP/RIC1-A
CLASSIFICATION (CORRECTION)
7H 02P 9/04 A, 7H 02P 9/08 B

20010404 EP/17P-A [+]
REQUEST FOR EXAMINATION FILED
EFFECTIVE DATE: 20010202

20010502 EP/AKX-A [+]
PAYMENT OF DESIGNATION FEES
AT BE CH LI

20010516 EP/RBV-A [+]
DESIGNATED CONTRACTING STATES (CORRECTION):
DE FR GB

20010607 EP/REG-A; DE/8566 [-]
DE: DESIGNATED COUNTRY DE NOT LONGER VALID
<DE>

UP - 2003-22

6 / 33 *PLUSPAT* - @QUESTEL-ORBIT

PN - EP1075724 A1 20010214 [EP1075724]

STG - (A1) Public. Of applic. With search report

TI - (A1) POWER CONTROLLER

OTI - (A1) ENERGIESTEUERUNG
(A1) ORGANE DE COMMANDE DE PUISSANCE

PA - (A1) CAPSTONE TURBINE CORP (US)

IN - (A1) GILBRETH MARK (US); WACKNOV JOEL (US); WALL SIMON (US)

IC - (A1) H02J-001/10 H02J-001/14
LA - ENGLISH (ENG)
AP - EP98962993 19981208 [1998EP-0962993]
PR - WOUS9826139 19981208 [1998WO-US26139]
US8045798P 19980402 [1998US-P080457]
DS - AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
UP - 2001-07

1 / 1 LEGALI - ©EPO
PN - EP1075724 A1 20010214 [EP1075724]
AP - EP98962993 19981208 [1998EP-0962993]
ACTE- 20010214 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

20010214 EP/17P-A [+]
REQUEST FOR EXAMINATION FILED
EFFECTIVE DATE: 20001006

20010321 EP/RIN1-A
INVENTOR (CORRECTION)
GILBRETH, MARK

20010321 EP/RIN1-A
INVENTOR (CORRECTION)
WACKNOV, JOEL

20010321 EP/RIN1-A
INVENTOR (CORRECTION)
WALL, SIMON

20030917 EP/17Q-A [+]
FIRST EXAMINATION REPORT
EFFECTIVE DATE: 20030731
UP - 2003-39

7 / 33 PLUSPAT - ©QUESTEL-ORBIT
PN - EP1341990 A1 20030910 [EP1341990]
STG - (A1) Public. Of applic. With search report
TI - (A1) TRANSIENT TURBINE EXHAUST TEMPERATURE CONTROL FOR A
TURBOGENERATOR
OTI - (A1) ÜBERGANGS-TURBINENABGASTEMPERATUR-STEUERUNG FÜR EINEN
TURBOGENERATOR
(A1) REGULATION DE TEMPERATURE TRANSITOIRE EN SORTIE DE TURBINE
POUR TURBOGENÉRATEUR
PA - (A1) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation; 21211 Nordhoff Street; Chatsworth,
California 91311 (US)
IN - (A1) GILBRETH MARK (US); EDELMAN ED (US); WACKNOV JOEL (US);
WALL SIMON (US)
IC - (A1) F01D-015/10 F02C-007/08 F02C-009/26 F02C-009/32
LA - ENGLISH (ENG)
AP - EP01997623 20011105 [2001EP-0997623]
PR - WOUS0147201 20011105 [2001WO-US47201]
US24582900P 20001103 [2000US-P245829]
DS - AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR
AL LT LV MK RO SI
UP - 2003-37

1 / 1 *LEGALI - ©EPO*
PN - EP1341990 A1 20030910 [EP1341990]
AP - EP01997623 20011105 [2001EP-0997623]
ACTE- 20030910 EP/AK-A [+]
 DESIGNATED CONTRACTING STATES:
 AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

 20030910 EP/AX-A [+]
 EXTENSION OF THE EUROPEAN PATENT TO
 AL LT LV MK RO SI

 20030910 EP/17P-A [+]
 REQUEST FOR EXAMINATION FILED
 EFFECTIVE DATE: 20030602

 20040526 EP/RBV-A [+]
 DESIGNATED CONTRACTING STATES (CORRECTION):
 DE FR GB IT
UP - 2004-22

8 / 33 *PLUSPAT - ©QUESTEL-ORBIT*
PN - IL125905 D0 19990411 [IL-125905]
STG - (D0) Notice under sect. 16 patent law
TI - (D0) Turbogenerator/motor controller
PA - (D0) CAPSTONE TURBINE CORP
IC - (D0) H02K
PN2 - IL125905 A 20001206 [IL-125905]
STG2- (A) Applic. Laid open to publ. Inspec
TI2 - (A) Turbogenerator/motor controller with ancillary energy
 storage/discharge
PA2 - (A) CAPSTONE TURBINE CORP (US)
IC2 - (A) F01D-015/10 F02C-006/00 H02K-007/18 H02P-009/04
AP - IL12590598 19980824 [1998IL-0125905]
PR - US307898 19980105 [1998US-0003078]
 US92496697 19970908 [1997US-0924966]

1 / 1 *LEGALI - ©EPO*
PN - IL125905 D0 19990411 [IL-125905] IL125905 A 20001206 [IL-125905]
AP - IL12590598 19980824 [1998IL-0125905]
ACTE- 20010430 IL/FF-A [+]
 PATENTS GRANTED

 20011031 IL/KB-A [+]
 PATENTS RENEWED
UP - 2003-22

9 / 33 *PLUSPAT - ©QUESTEL-ORBIT*
PN - IL137542 D0 20010724 [IL-137542]
STG - (D0) Notice under sect. 16 patent law
TI - (D0) TURBOGENERATOR/MOTOR CONTROLLER
PA - (D0) CAPSTONE TURBINE CORP
IC - (D0) F02N
PN2 - IL137542 A 20030731 [IL-137542]
STG2- (A) Applic. Laid open to publ. Inspec
TI2 - (A) TURBOGENERATOR/MOTOR CONTROLLER

PA2 - (A) CAPSTONE TURBINE CORP (US)
IC2 - (A) F01D-015/10 F02C-006/00 H02K-007/18 H02P-009/04
AP - IL13754200 20000726 [2000IL-0137542]
PR - IL13754200 20000726 [2000IL-0137542]
IL12590598 19980824 [1998IL-0125905]
US92496697 19970908 [1997US-0924966]
UP - 2002-30

1 / 1 LEGALI - ©EPO
PN - IL137542 D0 20010724 [IL-137542] IL137542 A 20030731 [IL-137542]
AP - IL13754200 20000726 [2000IL-0137542]
ACTE- 20040104 IL/FF-A [+] PATENTS GRANTED
20040208 IL/KB-A [+] PATENTS RENEWED
UP - 2004-09

10 / 33 PLUSPAT - ©QUESTEL-ORBIT
PN - JP2002510957 T 20020409 [JP2002510957]
STG - (T) Unexam. Pat. Appl. On foreign appl.
IC - (T) H02J-001/10 H02J-001/14 H02J-003/28 H02J-003/46
AP - JP2000542839T 19981208 [2000JP-0542839]
PR - US8045798P 19980402 [1998US-P080457]
WOUS9826139 19981208 [1998WO-US26139]
UP - 2002-20

11 / 33 PLUSPAT - ©QUESTEL-ORBIT - image
PN - JP11122995 A 19990430 [JP11122995]
STG - (A) Doc. Laid open to publ. Inspec.
TI - (A) TURBINE GENERATOR-MOTOR CONTROLLER
PA - (A) CAPSTONE TURBINE CORP
PA0 - (A) CAPSTONE TURBINE CORP
IN - (A) GEIS EVERETT R; PETICOLAS BRIAN W; WACKNOV JOEL B
IC - (A) H02P-009/08
AP - JP22023198 19980804 [1998JP-0220231]
PR - US307898 19980105 [1998US-0003078]
US92496697 19970908 [1997US-0924966]

12 / 33 PLUSPAT - ©QUESTEL-ORBIT - image
PN - US2002121091 A1 20020905 [US20020121091]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Transient turbine exhaust temperature control for a
turbogenerator
PA - (B2) CAPSTONE TURBINE CORP (US)
PA0 - Capstone Turbine Corporation, Chatsworth CA [US]
IN - (A1) GILBRETH MARK (US); EDELMAN ED (US); WACKNOV JOEL (US);
WALL SIMON (US)
IC - (A1) F02C-009/26
PN2 - US6612112 B2 20030902 [US6612112]
STG2- (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001
TI2 - (B2) Transient turbine exhaust temperature control for a
turbogenerator
PA2 - (B2) CAPSTONE TURBINE CORP (US)
IN2 - (B2) GILBRETH MARK (US); EDELMAN ED (US); WACKNOV JOEL (US);

WALL SIMON (US)
IC2 - (B2) F02C-009/28
AP - US1277001 20011105 [2001US-0012770]
PR - US1277001 20011105 [2001US-0012770]
US20781798 19981208 [1998US-0207817]
US24582900P 20001103 [2000US-P245829]
EC - F01D-015/10
F02C-007/08
F02C-009/26
F02C-009/32
ICO - R05B-270/101
R05B-270/1033
R05B-270/104
R05B-270/1073
R05B-270/303
PCL - ORIGINAL (O) : 060773000; CROSS-REFERENCE (X) : 060039281
DT - Corresponding document
UP - 2002-38

13 / 33 PLUSPAT - @QUESTEL-ORBIT - image
PN - US6265786 B1 20010724 [US6265786]
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
TI - (B1) Turbogenerator power control system
PA - (B1) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, Chatsworth CA [US]
IN - (B1) PETICOLAS BRIAN W (US); BOSLEY ROBERT W (US); LAMPE STEVEN
W (US); EDELMAN EDWARD C (US)
IC - (B1) F01D-015/10
AP - US18121398 19981027 [1998US-0181213]
PR - US18121398 19981027 [1998US-0181213]
US307898 19980105 [1998US-0003078]
EC - F02C-009/56
F04B-047/02D
H02P-009/04
PCL - ORIGINAL (O) : 290052000; CROSS-REFERENCE (X) : 074041000
290046000 318723000 318801000 417044100 417053000
DT - Corresponding document
UP - 2001-31

1 / 1 LEGALI - @EPO
PN - US6265786 B1 20010724 [US6265786]
AP - US18121398 19981027 [1998US-0181213]
ACTE- 20020625 US/CC-A
CERTIFICATE OF CORRECTION
UP - 2003-22

14 / 33 PLUSPAT - @QUESTEL-ORBIT - image
PN - US6487096 B1 20021126 [US6487096]
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
TI - (B1) Power controller
PA - (B1) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, Chatsworth CA [US]
IN - (B1) GILBRETH MARK (US); WACKNOV JOEL (US); WALL SIMON (US)
IC - (B1) H02J-003/36 H02M-005/45
AP - US20781798 19981208 [1998US-0207817]
PR - US20781798 19981208 [1998US-0207817]
US92496697 19970908 [1997US-0924966]

US8045798P 19980402 [1998US-P080457]
EC - H02J-001/10
H02J-001/14
H02P-009/04
PCL - ORIGINAL (O) : 363035000
DT - Corresponding document
UP - 2002-49

15 / 33 PLUSPAT - @QUESTEL-ORBIT - image
PN - US2003007369 A1 20030109 [US20030007369]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Power controller
IN - (A1) GILBRETH MARK G (US); WACKNOV JOEL B (US); WALL SIMON R (US)
IC - (A1) H02J-003/36
AP - US22440602 20020821 [2002US-0224406]
PR - US22440602 20020821 [2002US-0224406]
US20781798 19981208 [1998US-0207817]
US8045798P 19980402 [1998US-P080457]
EC - H02J-001/10
H02J-001/14
PCL - ORIGINAL (O) : 363035000
DT - Corresponding document
UP - 2003-05

16 / 33 PLUSPAT - @QUESTEL-ORBIT - image
PN - US6031294 A 20000229 [US6031294]
STG - (A) United States patent
TI - (A) Turbogenerator/motor controller with ancillary energy storage/discharge
PA - (A) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, Woodland Hills CA [US]
IN - (A) GEIS EVERETT R (US); PETICOLAS BRIAN W (US); WACKNOV JOEL B (US)
IC - (A) F01D-015/10 F02C-006/00 H02K-007/18 H02P-009/04
AP - US307898 19980105 [1998US-0003078]
PR - US307898 19980105 [1998US-0003078]
EC - H02P-009/04
PCL - ORIGINAL (O) : 290052000; CROSS-REFERENCE (X) : 290040000R
290046000 322010000 322029000
DT - Corresponding document
UP - 2000-10

1 / 1 LEGALI - @EPO
PN - US6031294 A 20000229 [US6031294]
AP - US307898 19980105 [1998US-0003078]
ACTE- 20010116 US/CC-A
CERTIFICATE OF CORRECTION

20021217 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20011231
UP - 2003-22

17 / 33 PLUSPAT - @QUESTEL-ORBIT
PN - US6325142 B1 20011204 [US6325142]

STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
TI - (B1) Turbogenerator power control system
PA - (B1) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, Chatsworth CA [US]
IN - (B1) BOSLEY ROBERT W (US); EDELMAN EDWARD C (US)
IC - (B1) E21B-043/00 F01D-015/10 F04B-049/00
AP - US31689699 19990522 [1999US-0316896]
PR - US31689699 19990522 [1999US-0316896]
US307898 19980105 [1998US-0003078]
US18121398 19981027 [1998US-0181213]
EC - E21B-047/00P2
F02C-009/56
F04B-047/02D
H02P-009/04
PCL - ORIGINAL (O) : 166053000; CROSS-REFERENCE (X) : 290052000
417012000
DT - Corresponding document
UP - 2001-50

18 / 33 PLUSPAT - @QUESTEL-ORBIT - image

PN - US2002198648 A1 20021226 [US20020198648]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Method and system for control of turbogenerator power and temperature
IN - (A1) GILBRETH MARK (US); WACKNOV JOEL (US); WALL SIMON (US)
IC - (A1) G06F-019/00
AP - US3791602 20020102 [2002US-0037916]
PR - US3791602 20020102 [2002US-0037916]
US20781798 19981208 [1998US-0207817]
US307898 19980105 [1998US-0003078]
US8045798P 19980402 [1998US-P080457]
EC - H02J-001/10
H02J-001/14
H02P-009/04
PCL - ORIGINAL (O) : 701100000
DT - Corresponding document
UP - 2003-02

19 / 33 PLUSPAT - @QUESTEL-ORBIT - image

PN - US6192668 B1 20010227 [US6192668]
STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
TI - (B1) Method and apparatus for compressing gaseous fuel in a turbine engine
PA - (B1) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, Woodland Hills CA [US]
IN - (B1) MACKAY ROBIN (US)
IC - (B1) F02C-007/22
AP - US42049499 19991019 [1999US-0420494]
PR - US42049499 19991019 [1999US-0420494]
EC - F02C-003/22
F02C-007/236B
PCL - ORIGINAL (O) : 060776000; CROSS-REFERENCE (X) : 060039465
060726000
DT - Basic
UP - 2001-14

1 / 1 LEGALI - @EPO

PN - US6192668 B1 20010227 [US6192668]
AP - US42049499 19991019 [1999US-0420494]
ACTE- 19991019 US/AS-A
ASSIGNMENT
OWNER: CAPSTONE TURBINE CORPORATION 6430 INDEPENDENCE AVE;
EFFECTIVE DATE: 19991013
ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:MACKAY,
ROBIN;REEL/FRAME:010343/0723
UP - 2004-24

20 / 33 PLUSPAT - @QUESTEL-ORBIT - image
PN - US20040135436 A1 20040715 [US20040135436]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Power controller system and method
IN - (A1) Gilbreth Mark G (US); Wacknov Joel B (US); Wall Simon R (GB)
IC - (A1) H02J-001/10
AP - US677480 20031003 [2003US-0677480]
PR - US677480 20031003 [2003US-0677480]
PCL - ORIGINAL (O) : 307018000
UP - 2004-29

21 / 33 PLUSPAT - @QUESTEL-ORBIT - image
PN - US2004103669 A1 20040603 [US2004103669]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Integrated turbine power generation system with catalytic
reactor
PA - (A1) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, [US]
IN - (A1) BERNER PAUL (US); PONT GUILLERMO (US); WACKNOV JOEL (US);
WILLIS JEFFREY W (US)
IC - (A1) F23R-003/40
AP - US70600803 20031113 [2003US-0706008]
PR - US70600803 20031113 [2003US-0706008]
US93366301 20010822 [2001US-0933663]
US20781798 19981208 [1998US-0207817]
US77253701 20010129 [2001US-0772537]
US42049499 19991019 [1999US-0420494]
US8045798P 19980402 [1998US-P080457]
EC - F02C-003/22
F02C-007/236B
H02J-001/10
H02J-001/14
PCL - ORIGINAL (O) : 060777000; CROSS-REFERENCE (X) : 060723000
DT - Corresponding document
UP - 2004-24

22 / 33 PLUSPAT - @QUESTEL-ORBIT - image
PN - US2004100101 A1 20040527 [US2004100101]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Integrated turbine power generation system with catalytic
reactor
PA - (A1) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, [US]
IN - (A1) BERNER PAUL (US); PONT GUILLERMO (US); WACKNOV JOEL (US);
WILLIS JEFFREY W (US)
IC - (A1) F01D-015/10 F02C-006/00 H02K-007/18 H02P-009/04
AP - US70607003 20031113 [2003US-0706070]

PR - US70607003 20031113 [2003US-0706070]
US93366301 20010822 [2001US-0933663]
US20781798 19981208 [1998US-0207817]
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US42049499 19991019 [1999US-0420494]
US8045798P 19980402 [1998US-P080457]
EC - F02C-003/22
F02C-007/236B
H02J-001/10
H02J-001/14
PCL - ORIGINAL (O) : 290052000
DT - Corresponding document
UP - 2004-22

23 / 33 PLUSPAT - @QUESTEL-ORBIT - image

PN - US2004119291 A1 20040624 [US20040119291]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Method and apparatus for indirect catalytic combustor
preheating
PA - (A1) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, [US]
IN - (A1) GILBRETH MARK (US); KANG YUNGMO (US); JENSEN HARRY L (US);
WACKNOV JOEL (US); WALL SIMON (US); HAMRIN DOUGLAS A (US)
IC - (A1) H02P-009/04
AP - US72658603 20031204 [2003US-0726586]
PR - US72658603 20031204 [2003US-0726586]
US97788301 20011011 [2001US-0977883]
US20781798 19981208 [1998US-0207817]
US8045798P 19980402 [1998US-P080457]
EC - H02J-001/10
H02J-001/14
PCL - ORIGINAL (O) : 290007000
DT - Corresponding document
UP - 2004-26

24 / 33 PLUSPAT - @QUESTEL-ORBIT - image

PN - US2002190695 A1 20021219 [US20020190695]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Turbogenerator with electrical brake
IN - (A1) DICKEY BRIAN (US); PONT GUILLERMO (US); WALL SIMON (US)
IC - (A1) H02H-007/06
AP - US7712102 20020215 [2002US-0077121]
PR - US7712102 20020215 [2002US-0077121]
US20781798 19981208 [1998US-0207817]
US92496697 19970908 [1997US-0924966]
US307898 19980105 [1998US-0003078]
US8045798P 19980402 [1998US-P080457]
US26954601P 20010216 [2001US-P269546]
US27635401P 20010316 [2001US-P276354]
EC - H02J-001/10
H02J-001/14
H02P-009/04
PCL - ORIGINAL (O) : 322017000
DT - Corresponding document
UP - 2003-02

25 / 33 PLUSPAT - @QUESTEL-ORBIT - image

PN - US2001017029 A1 20010830 [US20010017029]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Method and apparatus for compressing gaseous fuel in a turbine engine
PA - (A1) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, [US]
IN - (A1) MACKAY ROBIN (US)
IC - (A1) F02C-007/22
PN2 - US6381944 B2 20020507 [US6381944]
STG2- (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001
TI2 - (B2) Method and apparatus for compressing gaseous fuel in a turbine engine
PA2 - (B2) CAPSTONE TURBINE CORP (US)
IN2 - (B2) MACKAY ROBIN (US)
IC2 - (B2) F02C-007/00
AP - US77253701 20010129 [2001US-0772537]
PR - US77253701 20010129 [2001US-0772537]
US42049499 19991019 [1999US-0420494]
EC - F02C-003/22
F02C-007/236B
PCL - CROSS-REFERENCE (X) : 415155000
DT - Corresponding document
UP - 2001-38

26 / 33 PLUSPAT - @QUESTEL-ORBIT - image

PN - US2002030364 A1 20020314 [US20020030364]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Turbogenerator power control system
PA - (A1) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, [US]
IN - (A1) PETICOLAS BRIAN W (US); BOSLEY ROBERT W (US); LAMPE STEVEN W (US); EDELMAN EDWARD C (US)
IC - (A1) H02P-009/04
PN2 - US6495929 B2 20021217 [US6495929]
STG2- (B2) U.S. Patent (with pre-grant pub.) after Jan. 2, 2001
TI2 - (B2) Turbogenerator power control system
PA2 - (B2) CAPSTONE TURBINE CORP (US)
IN2 - (B2) PETICOLAS BRIAN W (US); BOSLEY ROBERT W (US); LAMPE STEVEN W (US); EDELMAN EDWARD C (US)
IC2 - (B2) H02P-009/00
AP - US82903501 20010409 [2001US-0829035]
PR - US82903501 20010409 [2001US-0829035]
US18121398 19981027 [1998US-0181213]
EC - F02C-009/56
F04B-047/02D
H02P-009/04
PCL - ORIGINAL (O) : 290052000; CROSS-REFERENCE (X) : 318140000
322028000
DT - Basic
UP - 2002-12

27 / 33 PLUSPAT - @QUESTEL-ORBIT - image

PN - US2001052704 A1 20011220 [US20010052704]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Turbogenerator power control system
PA - (A1) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, [US]
IN - (A1) BOSLEY ROBERT W (US); EDELMAN EDWARD C (US)
IC - (A1) F01D-015/10 F02C-006/00 H02K-007/18 H02P-009/04

AP - US83457901 20010412 [2001US-0834579]
PR - US83457901 20010412 [2001US-0834579]
US31689699 19990522 [1999US-0316896]
EC - E21B-047/00P2
F01D-015/10
F04B-047/02D
PCL - ORIGINAL (O) : 290052000
DT - Basic
UP - 2002-02

28 / 33 PLUSPAT - @QUESTEL-ORBIT - image
PN - US5903116 A 19990511 [US5903116]
STG - (A) United States patent
TI - (A) Turbogenerator/motor controller
PA - (A) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, Tarzana CA [US]
IN - (A) GEIS EVERETT R (US); PETICOLAS BRIAN W (US)
IC - (A) H02P-005/20
AP - US92496697 19970908 [1997US-0924966]
PR - US92496697 19970908 [1997US-0924966]
EC - H02P-009/04
PCL - ORIGINAL (O) : 318140000; CROSS-REFERENCE (X) : 318145000
318147000 318375000
DT - Corresponding document

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PN - US5903116 A 19990511 [US5903116]
AP - US92496697 19970908 [1997US-0924966]
ACTE- 19970908 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: CAPSTONE TURBINE CORPORATION 6025 YOLANDA AVE. TAR;
EFFECTIVE DATE: 19970902

19970908 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: GEIS, EVERETT R.; EFFECTIVE DATE: 19970902

19970908 US/AS02-A
ASSIGNMENT OF ASSIGNOR'S INTEREST
OWNER: PETICOLAS, BRIAN W.; EFFECTIVE DATE: 19970903

20011204 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20010511
UP - 2003-22

29 / 33 PLUSPAT - @QUESTEL-ORBIT - image
PN - US2002166324 A1 20021114 [US20020166324]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Integrated turbine power generation system having low
pressure supplemental catalytic reactor
PA - (A1) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation; Chatsworth, CA [US]
IN - (A1) BERNER PAUL (US); PONT GUILLERMO (US); WACKNOV JOEL (US);
WILLIS JEFFREY W (US)
IC - (A1) F23R-003/40
AP - US93366301 20010822 [2001US-0933663]

PR - US93366301 20010822 [2001US-0933663]
US77253701 20010129 [2001US-0772537]
US42049499 19991019 [1999US-0420494]
US20781798 19981208 [1998US-0207817]
US8045798P 19980402 [1998US-P080457]
EC - F02C-003/22
F02C-007/236B
H02J-001/10
H02J-001/14
PCL - ORIGINAL (O) : 060777000; CROSS-REFERENCE (X) : 060723000
DT - Corresponding document
UP - 2002-47

30 / 33 PLUSPAT - @QUESTEL-ORBIT - image
PN - US2002073713 A1 20020620 [US20020073713]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Method and apparatus for compressing gaseous fuel in a
turbine engine
PA - (A1) CAPSTONE TURBINE CORP (US)
PAO - Capstone Turbine Corporation, [US]
IN - (A1) MACKAY ROBIN (US)
IC - (A1) F02C-007/22
AP - US95302201 20010913 [2001US-0953022]
PR - US95302201 20010913 [2001US-0953022]
US77253701 20010129 [2001US-0772537]
US42049499 19991019 [1999US-0420494]
EC - F02C-003/22
F02C-007/236B
PCL - ORIGINAL (O) : 060776000; CROSS-REFERENCE (X) : 060734000
DT - Corresponding document
UP - 2002-26

31 / 33 PLUSPAT - @QUESTEL-ORBIT - image
PN - US2002099476 A1 20020725 [US20020099476]
STG - (A1) Utility Patent Application published on or after January 2, 2001
TI - (A1) Method and apparatus for indirect catalytic combustor
preheating
IN - (A1) GILBRETH MARK (US); KANG YUNGMO (US); JENSEN HARRY L (US);
WACKNOV JOEL (US); WALL SIMON (US); HAMRIN DOUGLAS A (US)
IC - (A1) F02C-007/26
AP - US97788301 20011011 [2001US-0977883]
PR - US97788301 20011011 [2001US-0977883]
US20781798 19981208 [1998US-0207817]
US8045798P 19980402 [1998US-P080457]
US27749001P 20010321 [2001US-P277490]
EC - H02J-001/10
H02J-001/14
PCL - ORIGINAL (O) : 700287000; CROSS-REFERENCE (X) : 060778000
DT - Corresponding document
UP - 2002-31

32 / 33 PLUSPAT - @QUESTEL-ORBIT
PN - WO200242611 A1 20020530 [WO200242611]
STG - (A1) Publ. Of int. Appl. With int. Search rep
TI - (A1) TRANSIENT TURBINE EXHAUST TEMPERATURE CONTROL FOR A
TURBOGENERATOR
OTI - (A1) R GULATION DE TEMP RATURE TRANSITOIRE EN SORTIE DE TURBINE

POUR TURBOG N RATEUR
PA - (A1) CAPSTONE TURBINE CORP (US)
PAO - CAPSTONE TURBINE CORPORATION; 21211 Nordhoff Street, Chatsworth,
CA 91311 (US)
IN - (A1) GILBRETH MARK; EDELMAN ED; WACKNOV JOEL; WALL SIMON
IC - (A1) F01D-015/10 F02C-007/08 F02C-009/26 F02C-009/32
LA - ENGLISH (ENG)
AP - WOUS0147201 20011105 [2001WO-US47201]
PR - US24582900P 20001103 [2000US-P245829]
EC - F01D-015/10
F02C-007/08
F02C-009/26
F02C-009/32
ICO - R05B-270/101
R05B-270/1033
R05B-270/104
R05B-270/1073
R05B-270/303
DS - AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; BZ; CA; CH; CN;
CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; ES; FI; GB; GD; GE; GH;
GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; OM; PH;
PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; TZ; UA;
UG; UZ; VN; YU; ZA; ZW; European patent (AT; BE; CH; CY; DE; DK;
ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR); OAPI patent
(BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG);
ARIPO patent (GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW);
Eurasian patent (AM; AZ; BY; KG; KZ; MD; RU; TJ; TM)
DT - Basic
UP - 2002-23

1 / 1 LEGALI - ©EPO

PN - WO200242611 A1 20020530 [WO200242611]

AP - WOUS0147201 20011105 [2001WO-US47201]

ACTE- 20020530 WO/AK [+]

DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH
REPORT

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT
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APPLICATION WITH SEARCH REPORT

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BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG

20021106 WO/121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN
THIS APPLICATION

20030213 WO/DFPE

REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF
19TH MONTH FROM PRIORITY DATE

20030911 WO/REG; DE/8642 [-]

DE: IMPACT ABOLISHED FOR DE

<DE>

UP - 2004-24

33 / 33 PLUSPAT - @QUESTEL-ORBIT - image

PN - WO9952193 A1 19991014 [WO9952193]
STG - (A1) Publ. Of int. Appl. With int. Search rep
TI - (A1) POWER CONTROLLER
OTI - (A1) ORGANE DE COMMANDE DE PUISSANCE
PA - (A1) CAPSTONE TURBINE CORP (US)
PAO - CAPSTONE TURBINE CORPORATION ; 18700 Oxnard Street Tarzana, CA
91356 (US)
IN - (A1) GILBRETH MARK; WACKNOV JOEL; WALL SIMON
IC - (A1) H02J-001/10 H02J-001/14
LA - ENGLISH (ENG)
AP - WO9952193 19991014 [1999WO-US26139]
PR - US8045798P 19980402 [1998US-P080457]
EC - H02J-001/10
H02J-001/14
DS - CA; JP; European Patent (AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;
GR; IE; IT; LU; MC; NL; PT; SE)
DT - Basic

1 / 1 LEGALI - @EPO

PN - WO9952193 A1 19991014 [WO9952193]
AP - WO9952193 19991014 [1999WO-US26139]
ACTE- 19991014 WO/AK [+]
DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH
REPORT
CA JP

19991014 WO/AL [+]
DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED
APPLICATION WITH SEARCH REPORT
AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

19991215 WO/121
EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN
THIS APPLICATION

20000210 WO/DFPE
REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF
19TH MONTH FROM PRIORITY DATE

20000927 WO/ENP
ENTRY INTO THE NATIONAL PHASE IN:
CA 2326192A [1998CA-2326192]

20001002 WO/ENP
ENTRY INTO THE NATIONAL PHASE IN:
JP 2000 542839A [2000JP-0542839]
UP - 2003-22

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